

Progress Report 1/25/14-3/31/14

Project #09-1277, Qwuloolt Estuary Restoration - Construction

Submitted by Josh Meidav on 03/24/2014

Accepted by Elizabeth Butler on 04/10/2014

CONTACTS

Primary Sponsor: Tulalip Tribe

Lead Entity: Snohomish County LE

Managing Agency: Rec. and Conserv. Office

Project Contact: Kurt Nelson
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Alt Project Contact: Josh Meidav
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RCO Grant Manager: Elizabeth Butler
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COSTS TO DATE

Project Start Date: 10/16/2009

Original End Date: 01/01/2012

FundingEnd Date: 06/30/2014

Funding Formula:	Requested		Original		Current	
Aquatic Lands Enhancement Acct:	\$0.00	(0%)	\$0.00	(0%)	\$456,780.05	(41%)
Puget Sound Acq. & Restoration:	\$500,000.00	(85%)	\$500,000.00	(85%)	\$650,000.00	(59%)
Sponsor Match:	\$90,000.00	(15%)	\$90,000.00	(15%)	\$0.00	(0%)
Total:	\$590,000.00	(100%)	\$590,000.00	(100%)	\$1,106,780.05	(100%)

Paid To Date: \$956,780.05

Last Released Billing: 06/14/2013

Remaining RCO Funds: \$150,000.00

Pending Billing: No

Advance Balance: \$0.00

Match Bank: \$0.00

Number of Billings: 5

Admin Limit: \$0.00

Admin Spent: \$0.00

A&E Limit: \$0.00

A&E Spent: \$39,396.96 3.55%

AMENDMENTS

#	Type	Applied Date	Description
8	Cost Change	09/20/2013	Funding is increased by \$100,000 of 2007-2009 PSAR return funds from 10-1877, to afford higher than anticipated construction costs bringing the total Project Agreement to \$1,106,780.05.
7	Cost Change	08/06/2013	Funding is increased by \$50,000 of 2007-2009 PSAR return funds, to afford higher than anticipated construction costs bringing the total Project Agreement to \$1,006,780.05.
6	Time Extension	06/13/2013	The project period of 10/16/2009 to 06/30/2013 is extended to allow the contracting party until 06/30/2014 to complete the project.
5	Time Extension	09/14/2012	The project period of 10/16/2009 to 09/30/2012 is extended to allow the contracting party until 06/30/2013 to complete the project.
4	Special Conditions Change	07/18/2012	Completion of the earlier project, Qwuloolt Estuary Phase II Design (07-1624), was significantly delayed. In order to facilitate closing the 07-1624 project agreement with submittal of 95% Designs, a special condition for completion of the Qwuloolt Estuary restoration final design deliverables is added to this project agreement.
3	Cost Change	03/07/2012	This PSAR funded project provides the primary source of match for the ALEA funded project No. 06-1604 "Qwuloolt Estuary Restoration and Trail" and is similar in scope and schedule. In order to streamline contracting, this amendment will integrate No. 06-1604 into No. 09-1277 by aligning the scope of work and increasing the agreement amount by \$456,780.05 of unspent ALEA program funds, bringing the project agreement to total \$956,780.05 in funding.
2	Scope Change	01/25/2012	The project scope is changed to remove the levee breach and second year west levee construction, and to add channel restoration with riparian planting.
1	Time Extension	12/06/2011	The project period of 10/16/2009 to 01/01/2012 is extended to allow the contracting party until 09/30/2012 to complete the project.

PROGRESS REPORT QUESTIONS

#	Question	Answer	Answer Description
1 of 4	Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.	Yes	<p>Under the Milestones heading, it is stated that by 6/30/14 restoration would be completed. We plan to have a significant portion of the setback levee constructed (currently at 40%).</p> <p>Construction of the remaining 60% of the setback levee is scheduled to start up 6/1/14, which is dependent on site conditions and material availability. As for levee material availability we are working to meet the quantity and quality specifications needed by the Corps of Engineers and their contractor for commencing work in early June., By the end of 6/30/14, more than 50% of the setback levee should be completed. Currently, interior site elements such as agricultural ditch filling, remeandering channels, wave attenuation berm construction, and native planting are at 80% completion. Given the current timeline, requirements for the Stewardship Plan, also slated for 6/30/14, should be discussed between Tulalip and RCO staff.</p>
2 of 4	Describe the work accomplished during this reporting period.		<p>Construction was suspended during the last reporting period until June, when conditions will improve for construction. Unanticipated cost increases in 2013 and the need for additional levee material has resulted in a funding shortfall for 2014. To remedy this situation, the Tulalip Tribes have been seeking additional funds from multiple sources during this reporting period. Construction related actions, as well as actions to address the funding shortfall, during this period included:</p> <ol style="list-style-type: none"> 1) Application packets were developed and sent for the WDOE Floodplains Grant and WDOE NEP Grant, which would address a large portion of the budget shortfall for Qwuloolt. We have been successful in our funding hunt this winter/spring, with WDOE Floodplains Grant, 319 grant, NRDA settlement, and Tribal matching funds coming through, so additional funding will likely not be needed. As a note, we ranked 2nd out of 27 for the WDOE NEP Grant, but because the WDOE Floodplains Grant also was slated for funding with a bigger allotment, we are getting the WDOE Floodplains Grant-- which should cover the shortfall coupled with the other funds listed above. 2) A levee blending geotechnical contract was developed and initiated in order to provide quantitative analyses to ensure meeting USACE specifications for the levee material. Initial samples and laboratory testing have provided us with a target ratio for levee material blending in concordance with USACE's specifications. 3) A levee blending construction bid package has been completed and a contractor will be chosen by the end of the month (March 2014) if not sooner. 4) Ongoing weekly project management meetings between the Tribe and the Corps have maintained clear communication during the construction pause that have addressed funding, sequencing, near term on-the-ground actions, and technical approaches.

3 of 4	Do you anticipate any changes to your project? Please describe those changes here.	Yes	<p>The completion of the restoration for this portion of the project, the setback levee, is not scheduled for completion until the 3rd quarter reporting period, late July. The delays are a result of: wet site conditions; the need to blend material on-site; the need to procure more levee material; and, a relatively small stockpile footprint on-site that will necessitate handling of the levee material more than once. In addition, there are adjustments to be made to the stormwater features on the east side of the project. The designs are being developed by Tulalip's contractor and the City of Marysville and are being vetted and refined in a collaborative approach between the City and the Tribes.</p>
4 of 4	Tell us about work planned for the next reporting period.		<p>The work will focus on levee material delivery:</p> <ol style="list-style-type: none"> 1) We will be blending ~17,000 cubic yards on site from two different material sources in order to meet the material specifications for the USACE designed setback levee. 2) We will be purchasing ~20,00 cubic yards of material that will be hauled to the site for setback levee construction. 3) We will be hauling ~14,000 cubic yards from a site on the Reservation to Qwuloolt for use in setback levee construction. <p>We will be conducting geotechnical assessments on all of these materials to assess how they meet the USACE's specifications for setback levee material, as designated for particular layers of the levee.</p>

MILESTONES

Milestone	Target Date	Description	Completed	Delayed	New Target Date	Progress/Reason for Delay
Project Start	10/16/2009		X			
Cultural Resources Complete	10/16/2009	Completed in 2008	X			
Applied for Permits	03/01/2010	Federal permits were submitted in 2009	X			
Progress Report Submitted	03/15/2011		X			
Annual Project Billing	03/15/2011	and at least once per year thereafter	X			
Progress Report Submitted	09/30/2011		X			
Progress Report Submitted	03/16/2012		X			
RFP Complete/Consultant Hired	05/30/2012	was 07/01/2011	X			
Annual Project Billing	07/31/2012		X			
Progress Report Submitted	07/31/2012		X			
Permits Complete	09/21/2012		X			
Bid Awarded/Contractor Hired	09/24/2012		X			
Progress Report Submitted	12/31/2012		X			
Restoration Started	02/13/2013	USACE portion	X			
Progress Report Submitted	04/30/2013		X			
Final Design to RCO	07/31/2013	Per Special Condition to Grant Agreement	X			
Progress Report Submitted	09/30/2013		X			
Progress Report Submitted	12/31/2013		X			
Progress Report Submitted	03/31/2014		X			
Agreement End Date	06/30/2014					
Final Report in PRISM	06/30/2014					
Stewardship Plan to RCO	06/30/2014					
Restoration Complete	06/30/2014			X	07/31/2014	Currently, we are at 40% completion of the setback levee construction. Delays are a result of: site conditions (wet); the need to blend material on-site, the need to procure more material, and a relatively small stockpile footprint on-site.
Final Design to RCO	07/31/2014	As-built				
Final Billing to RCO	08/30/2014					

PERMITS

Type	Applied Date	Received Date	Expiration Date	Permit Number	Comments
Clear & Grade Permit	08/01/2012	10/9/2012		G12-0023 and C	
Cultural Assessment [Section 106]		12/9/2008		120808-24-COE	Survey in 2006 and 2008. Determination of No Historic Properties Affected.
Dredge/Fill Permit [Section 10/404 or 404]	05/28/2010	11/16/2010		NWS-2010-0075	
Endangered Species Act Compliance [ESA]		1/12/2009		13410-2009-I-01	USFWS Fish Passage/Habitat Restoration Programmatic, NMFS Section 4(d) Limit Number 8 (Habitat Restoration)
Hydraulics Project Approval [HPA]	08/08/2012	9/5/2012		120658-2	
SEPA	05/28/2010	6/29/2011		PA 10013	
Shoreline Permit	05/28/2010	8/2/2011		PA 10013	This permit was appealed, but permit was upheld 9/13/2011.
Water Quality Certification [Section 401]	12/24/2008	2/4/2009		PI-09-11	Ecology certifies that work complies with CWA and CZMA and State CZMP.

Permit Questions

#	Question	Answer	Answer Description
1 of 3	Any additional mitigation requirements? If so, please describe.	No	
2 of 3	Are there any additional permits required? If so, please describe.	No	
3 of 3	Tell us about your progress with securing your permits or ESA consultation.		This was completed as of 2009.